



Sheet 1 of 1

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF REFERENCES CITED BY APPLICANT</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO.	APPLICATION NO.
	1500.1054C	10/830,073
	FIRST NAMED INVENTOR	
	Gordon P. KURTENBACH et al.	
	FILING DATE	GROUP ART UNIT
	April 23, 2004	2674

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
/JN/	AA	6,008,809	12/1999	Brooks	<del>          </del>	<del>          </del>	
/JN/	AB	6,229,542	5/2001	Miller	<del>          </del>	<del>          </del>	
	AC						
	AD						
	AE						
	AF						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

							TRANSLATION YES NO	
	AM							

EXAMINER  /Jennifer Nguyen/	DATE CONSIDERED  09/17/2007
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1252.1054C	APPLICATION NO.
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FIRST NAMED INVENTOR Gordon P. KURTENBACH et al.	
		FILING DATE April 23, 2004	GROUP ART UNIT 2674

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
/JN/	AA	6,115,028	9/5/2000	Balakrishnan et al.			
	AB	6,208,318	3/27/2001	Anderson et. Al.			
	AC	5,717,415	2/10/1998	Iue et al.			
	AD	4,160,973	7/10/1979	Berlin, Jr.			
	AE	4,134,104	1/9/1979	Karras			
	AF	6,049,317	4/2000	Thompson			
	AG	5,854,449	12/1998	Adkins			
	AH	5,767,854	6/1998	Anwar			
	AI	6,031,541	2/2000	Lipscomb			
	AJ	5,805,137	9/1998	Yasutake			
	AK	6,064,423	5/2000	Geng			

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			TRANSLATION YES NO	
/JN/	AL	W. Buxton and G.W. Fitzmaurice, "HMD's, Caves, and Chameleon: A Human-Centric Analysis of Interaction in Virtual Space," Computer Graphics, vol. 32, no. 4, 1998, pp. 64-68.		
/JN/	AM	M. Czernuszenko et al., "The ImmersaDesk and Infinity Wall Projection-Based Virtual Reality Displays," Computer Graphics, vol. 31, no. 2, 1997, pp. 46-49.		
/JN/	AN	D. Ebert et al., "Realizing 3D Visualization using Crossed-Beam Volumetric Displays," Comm. ACM, vol. 42, no. 8, 1999, pp. 101-107.		
EXAMINER  /Jennifer Nguyen/			DATE CONSIDERED 09/17/2007	
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		FILING DATE April 23, 2004	GROUP ART UNIT 2674

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			TRANSLATION YES NO	
/JN/	AO	M. Lucente, "Interactive Three-Dimensional Holographic Displays: Seeing the Future in Depth," Computer Graphics, May 1997, pp. 63-67.		
	AP	M. Sinclair, "The Haptic Lens," Proc. Siggraph 97, ACM Press, New York, 1997, p. 179.		
	AQ	T. Murakami and N. Nakajima, "Direct and Intuitive Input Device for 3D Shape Deformation," Proc. Computer- Human Interaction (CHI 94), ACM Press, New York, 1994, pp. 465-470.		
	AR	R. Balakrishnan et al., "The Rockin'Mouse: Integral 3D Manipulation on a Plane," Proc. Computer-Human Interaction (CHI 97), ACM Press, New York, 1997, pp. 311-318.		
	AS	G. Fitzmaurice, H. Ishii, and W. Buxton, "Bricks: Laying the Foundations for Graspable User Interfaces," Proc. Computer-Human Interaction (CHI 95), ACM Press, New York, 1995, pp. 442-449.		
	AT	S. Zhai, W. Buxton, and P. Milgram, "The 'Silk Cursor': Investigating Transparency for 3D Target Acquisition," Proc. Computer-Human Interaction (CHI 94), ACM Press, New York, 1994, pp. 459-464.		
	AU	B. Conner et al., "Three Dimensional Widgets," Computer Graphics, vol. 22, no. 4, 1992, pp. 121-129.		
	AV	G. Fitzmaurice et al., "An Exploration into Supporting Artwork Orientation in the User Interface," Proc. Computer-Human Interaction (CHI 99), ACM Press, New York, 1999, pp. 167-174.		
	AW	Ken-ichi Kameyama, et al., "Virtual Surgical Operation System Using Volume Scanning Display", Image Capture, Formatting, and Display, SPIE, vol. 2164, Medical Imaging 1994, pp. 146-154		
	AX	Michael Halle, "Autostereoscopic Displays and Computer Graphics", Computer Graphics, ACM SIGGRAPH, 31(2), May 1997, pp. 58-62.		
↓	AY	Gregg Favalora et al., "Volumetric Three-Dimensional Display System with Rasterization Hardware", SPIE, Vol. 4297A, Feb. 2001.		

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			TRANSLATION	
			YES	NO
/JN/	AZ	E. Sachs, A. Roberts and D. Stoops, "3-Draw: A Tool for the Conceptual Design of Three Dimensional Shape", IEEE Computer Graphics and Applications, January 1990.		
	BA	K. Kameyama and K. Ohtomi, "A Direct 3-D Shape Modeling System", IEEE, pp. 519-524		
	BB	J. Viega et al., "3D Magic Lenses", UIST 1996, Seattle, Washington, pp. 51-58		
	BC	K. Kameyama, K. Ohtomi and Y. Fukui, "Interactive Volume Scanning 3-D Display with an Optical Relay System and Multidimensional Input Devices", SPIE Vol. 1915 Stereoscopic Displays and Applications IV (1993), pp. 12-20.		
	BD	K. Kameyama and K. Ohtomi, "A Shape Modeling System with a Volume Scanning Display and Multisensory Input Device", Presence: vol. 2, No. 2, 1993, pp. 104-111.		
	BE	K. Kameyama and K. Ohtomi, "VR System Using Volume Scanning Display and Multi-Dimensional Input Device", ISMCR, November 1992, pp. 473-479.		
	BF	K. Kameyama, K. Ohtomi and Yukio Fukui, "A Virtual Reality System Using a Volume Scanning 3D Display", 1991.		
	BG	U.S. Patent Publication No. 2002/0008676, Miyazaki et al., published 1/24/2002		
↓	BH	PCT International Search Report, PCT/US03/02341, filed January 27, 2003, mailed August 8, 2003.		

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## ATTACHMENT 1(F)

<b>LIST OF COPENDING APPLICATIONS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1252.1054C	
	FIRST NAMED INVENTOR	
	Gordon P. KURTENBACH et al.	
	FILING DATE	GROUP ART UNIT
	April 23, 2004	2674

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

## U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
/JN/	1	10/183,966	6/28/02	Kurtenbach, et al.	Silicon Graphics, Inc.
	2	10/183,945	6/28/02	Fitzmaurice, et al.	Silicon Graphics, Inc.
	3	10/183,968	6/28/02	Fitzmaurice, et al.	Silicon Graphics, Inc.
	4	10/188,765	6/28/02	Balakrishnan, et al.	Silicon Graphics, Inc.
	5	10/183,944	6/28/02	Balakrishnan, et al.	Silicon Graphics, Inc.
	6	10/183,970	6/28/02	Kurtenbach et al.	Silicon Graphics, Inc.
	7				
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**ATTACHMENT 1(g)**

<b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1252.1054C	
	FIRST NAMED INVENTOR	
	Gordon P. KURTENBACH et al.	
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	April 23, 2004	2674

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It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AC							
	AD							

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

			TRANSLATION YES NO	
/JN/	AE	R. Balakrishnan et al., "User Interfaces for Volumetric Displays", 3/2001, (IEEE)		

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